

Date	Time	Sample Site	Zone	Sample Type	Location ID	Address	Sample ID	Split Sample	DSHS Sample ID	Lat	Long	Complaint?	Preliminary Results Received	Final Results Received?
12/17/2016	2:15 a.m.	(b) (6)	3	Private Property	(b) (6)	(b) (6)	(b) (6)		(b) (6)	(b) (6)	(b) (6)	Yes	Yes	Yes
12/17/2016	2:30 a.m.		3	Private Property				Yes				Yes	Yes	
12/14/2016	11:47 p.m.		3	Regular Sample				No				No	No	
12/15/2016	12:07 a.m.		3	Regular Sample				No				No	No	
12/15/2016	12:25 a.m.		3	Regular Sample				No				No	No	
12/15/2016	12:37 a.m.		3	Regular Sample				No				No	No	
12/15/2016	12:51 a.m.		3	Regular Sample				No				No	No	
12/15/2016	1:15 a.m.		3	Regular Sample				No				No	No	
12/15/2016	12:07 p.m.			Regular Sample				Yes				No	No	No
12/15/2016	5:43 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	6:06 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	6:40 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	7:00 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	7:20 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	6:00 p.m.		2	Regular Sample				Yes				No	Yes	Yes
12/15/2016	6:35 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	7:09 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	7:25 p.m.		3	Regular Sample				Yes				No	Yes	Yes
12/15/2016	8:00 p.m.		1	Regular Sample				Yes				No	Yes	Yes
12/16/2016	11:23 a.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	12:30 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	3:05 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	2:45 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	4:04 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	1:25 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	1:52 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	2:19 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	3:45 p.m.		2	Resample				Yes				No	Yes	Yes
12/16/2016	12:05 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	12:35 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	1:00 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	1:25 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	1:45 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	2:10 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	2:35 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	3:10 p.m.		3	Resample				Yes				No	Yes	Yes
12/16/2016	3:25 p.m.		3	Resample				Yes				No	Yes	Yes
12/17/2016	4:55 p.m.		3	Private Property								Yes	Yes	No
12/17/2016	6:33 p.m.		2	Private Property								Yes	Yes	No
12/17/2016	8:15 p.m		2	Private Property								Yes	Yes	No
12/17/2016	4:40 p.m.		2	Complaint Hyrdant								Yes	Yes	No
12/17/2016	5:12 p.m.		2	Private Property								Yes	Yes	No
12/17/2016	6:57 p.m.		3	Private Property								Yes	Yes	No
12/17/2016	8:15 p.m.		3	Complaint Hyrdant								Yes	Yes	No
12/17/2016	7:07 p.m.		1	Private Property								Yes	Yes	No
12/17/2016	7:56 p.m.		3	Private Property								Yes	Yes	No
12/17/2016	9:36 p.m.		2	Resample								No	Yes	No
12/17/2016	10:00 p.m.		2	Resample								No	Yes	No
12/18/2016	12:07 a.m.		2	Resample								No	Yes	No
12/17/2016	11:53 p.m.		2	Resample								No	Yes	No
12/17/2016	11:15 p.m.	2	Resample		No	Yes	No							
12/18/2016	12:37 a.m.	2	Resample		No	Yes	No							
12/17/2016	11:36 p.m.	2	Resample		No	Yes	No							
12/17/2016	10:47 p.m.	2	Resample		No	Yes	No							
12/17/2016	10:25 p.m.	2	Resample		No	Yes	No							
12/19/2016	08:52 a.m	3	Resample		No	No	No							
12/19/2016	09:37 a.m.		Resample		No	No	No							
12/19/2016	10:12 a.m.		Resample		No	No	No							
12/19/2016	10:44 a.m		Resample		No	No	No							
12/19/2016	11:37 a.m.		Resample		No	No	No							
12/19/2016	12:02 p.m.		Resample		No	No	No							
12/19/2016	12:02 p.m.		Resample		No	No	No							
12/17/2016	11:58 p.m.	3	Resample		No	Yes	No							
12/18/2016	12:55 a.m.	3	Resample		No	Yes	No							
12/18/2016	1:50 a.m.	3	Resample		No	Yes	No							

12/18/2016	12:27 a.m.	(b) (6)	3	Resample	(b) (6)	(b) (6)	(b) (6)	(b) (6)	(b) (6)	No	Yes	No
12/17/2016	10:25 p.m.		3	Resample						No	Yes	No
12/17/2016	11:20 p.m.		3	Resample						No	Yes	No
12/18/2016	01:04 a.m.		3	Resample						No	Yes	No
12/18/2016	01:10 a.m.		3	Resample						No	Yes	No
12/17/2016	11:40 p.m.		3	Resample						No	Yes	No
12/17/2016			3	Resample						No	Yes	No
12/17/2016			3	Resample						No	Yes	No
12/18/2016	12:14 p.m.		3	Resample						No	No	No
12/18/2016	12:33 p.m.		3	Resample						No	No	No
12/18/2016	01:04 p.m.		3	Resample						No	No	No
12/18/2016	01:17 p.m.		3	Resample						No	No	No
12/18/2016	01:33 p.m.		3	Resample						No	No	No
12/18/2016	02:17 p.m.		3	Resample						No	No	No
12/18/2016	02:38 p.m.		3	Resample						No	No	No
12/18/2016	12:40 p.m.			Complaint Hyrdant						Yes	No	No
12/18/2016	12:57 p.m.			Complaint Hyrdant						Yes	No	No
12/18/2016	02:28 p.m.			Complaint Hyrdant						Yes	No	No
12/18/2016	02:40 p.m.			Complaint Hyrdant						Yes	No	No
12/19/2016	08:35 a.m.			Resample						No	No	No
12/19/2016	09:05 a.m.			Resample						No	No	No
12/19/2016	09:31 a.m.			Resample						No	No	No
12/19/2016	09:50 a.m.			Resample						No	No	No
12/19/2016	10:09 a.m.			Resample						No	No	No
12/19/2016	10:40 a.m.			Resample						No	No	No
12/19/2016	11:05 a.m.			Resample						No	No	No
12/19/2016	11:15 a.m.			Resample						No	No	No
12/19/2016	08:51 a.m.			Resample						No	No	No
12/19/2016	11:43 a.m.			Resample						No	No	No
12/19/2016	12:13 p.m.			Resample						No	No	No
12/19/2016	12:57 p.m.		Resample	No	No	No						
12/19/2016	12:58 p.m.		Resample	No	No	No						
12/19/2016	10:58 a.m.		Resample	No	No	No						
12/19/2016	10:03 a.m.		Resample	No	No	No						
12/19/2016	11:05 a.m.		Private Property	Yes	No	No						
12/19/2016	11:27 a.m.		Complaint Hyrdant	Yes	No	No						
12/18/2016	11:56 a.m.		2	Resample	No	No	No					
12/18/2016	12:20 p.m.		2	Resample	No	No	No					
12/18/2016	12:47 p.m.		2	Resample	No	No	No					
12/18/2016	01:00 p.m.		2	Resample	No	No	No					
12/18/2016	01:16 p.m.		2	Resample	No	No	No					
12/18/2016	01:50 p.m.		2	Resample	No	No	No					
12/18/2016	02:10 p.m.		2	Resample	No	No	No					
12/18/2016	01:14 p.m.		3	Resample	No	No	No					
12/18/2016	01:47 p.m.		3	Resample	No	No	No					
12/18/2016	02:16 p.m.		3	Resample	No	No	No					
12/18/2016	02:45 p.m.		3	Resample	No	No	No					
12/18/2016	03:27 p.m.		2	Resample	No	No	No					
12/18/2016	03:57 p.m.		2	Resample	No	No	No					
12/19/2016	10:03 a.m.			Private Property	Yes	No	No					
12/19/2016	10:24 a.m.			Complaint Hyrdant	Yes	No	No					
12/19/2016	10:18 a.m.			Complaint Hyrdant	Yes	No	No					
12/19/2016	10:13 a.m.			Private Property	Yes	No	No					

Sample Counts Summary

Date	No. of Samples	No. of Complaints	No. of Complaint Samples	Number of Results Received
12/14/2016	1	0	0	0
12/15/2016	16	0	0	10
12/16/2016	18	0	0	18
12/17/2016	24	7	7	0
12/18/2016	31	3	4	0

Total Samples to Date:

90

Total Results Received:

28

Complaint Results Received:

2

Non-Complaint Results
Received:

28

Corpus Christi Drinking Water System Samples

Sample ID	Zone	Sample Date	Analyte	LC/MS Result (mg/L)	Lab Result Qualifier	LC/MS Reporting Limit (mg/L)	GCMS Result (mg/L)	Lab Result Qualifier	GCMS Reporting Limit (mg/L)
(b) (6)	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	1	12/15/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	2	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25
	3	12/16/2016	Indulin AA-86	ND	UJ	0.05	ND	UJ	0.25

ND = The material was analyzed for, but was not detected above the method detection limit. The value returned is an estimate and may be inaccurate or imprecise.

None of the 28 drinking water samples collected from across the City of Corpus Christi water supply system tested positive for the presence of Indulin AA-86 in drinking water at method detection levels of 0.05 mg/l for LCMS and 0.25 mg/l for GCMS. The EPA and TCEQ toxicologists established an health based action level of 2.6 mg/l for Indulin AA-86 in drinking water. Analytical results are to be considered preliminary findings until a full quality control review can be completed and the final report is generated by EPA's laboratory. Analytical methods used for these tests are new and developed specifically for drinking water samples collected from Corpus Christi. The analytical methods have not been validated and the EPA Houston Laboratory is not certified to test for this chemical. Quantitation was made using pure Indulin AA-86 [fatty amine derivative] product that was collected in the field and provided to the Houston Laboratory by the State of Texas. The salt form of Indulin AA-86 was needed to match the operations at the facility and created using hydrochloric acid with a ratio of product to salt of 1.0:1.1, per information provided by Ingevity, the manufacturer. Laboratory creation of the salt form of Indulin AA-86 results in uncertainty of the reference material and results are to be considered estimates. Standard quality control procedures were followed.

Date	Time	Sample Site	Zone	Address	Sample ID	Complaint?	Results Received?
12/14/2016	11:47 p.m.	(b) (6)	3	(b) (6)	(b) (6)	No	No

Total Samples: 1

Date	Time	Sample Site	Zone	Address	Sample ID	Complaint?	Results Received?
12/15/2016	12:07 a.m.	(b) (6)	3	(b) (6)	(b) (6)	No	No
12/15/2016	12:25 a.m.		3			No	No
12/15/2016	12:37 a.m.		3			No	No
12/15/2016	12:51 a.m.		3			No	No
12/15/2016	1:15 a.m.		3			No	No
12/15/2016	5:43 p.m.		3			No	Yes
12/15/2016	6:06 p.m.		3			No	Yes
12/15/2016	6:40 p.m.		3			No	Yes
12/15/2016	7:00 p.m.		3			No	Yes
12/15/2016	7:20 p.m.		3			No	Yes
12/15/2016	6:00 p.m.		2			No	Yes
12/15/2016	6:35 p.m.		3			No	Yes
12/15/2016	7:09 p.m.		3			No	Yes
12/15/2016	7:25 p.m.		3			No	Yes
12/15/2016	8:00 p.m.		1			No	Yes
12/15/2016	12:07 p.m.					No	No

Total Samples: 16

		Sample							
Date	Time	Site	Zone	Address		Sample ID	Complaint?	Results Received?	
12/16/2016	11:23 a.m.	(b) (6)	2	(b) (6)		(b) (6)	No	Yes	
12/16/2016	12:30 p.m.		2				No	Yes	
12/16/2016	3:05 p.m.		2				No	Yes	
12/16/2016	2:45 p.m.		2				No	Yes	
12/16/2016	4:04 p.m.		2				No	Yes	
12/16/2016	3:45 p.m.		2				No	Yes	
12/16/2016	2:19 p.m.		2				No	Yes	
12/16/2016	1:52 p.m.		2				No	Yes	
12/16/2016	1:25 p.m.		2				No	Yes	
12/16/2016	12:05 p.m.		3				No	Yes	
12/16/2016	2:10 p.m.		3				No	Yes	
12/16/2016	2:35 p.m.		3				No	Yes	
12/16/2016	3:25 p.m.		3				No	Yes	
12/16/2016	12:35 p.m.		3				No	Yes	
12/16/2016	1:25 p.m.		3				No	Yes	
12/16/2016	1:00 p.m.		3				No	Yes	
12/16/2016	3:10 p.m.		3				No	Yes	
12/16/2016	1:45 p.m.		3				No	Yes	

Total Samples: 18

Date	Time	Sample Site	Zone	Address	Sample ID	Complaint?	Results Received?
12/17/2016	2:15 a.m.	(b) (6)	3	(b) (6)	(b) (6)	Yes	No
12/17/2016	2:30 a.m.		3			No	No
12/17/2016	9:36 p.m.		2			No	No
12/17/2016	10:00 p.m.		2			No	No
12/17/2016	11:53 p.m.		2			No	No
12/17/2016	11:15 p.m.		2			No	No
12/17/2016	11:36 p.m.		2			No	No
12/17/2016	10:47 p.m.		2			No	No
12/17/2016	10:25 p.m.		2			No	No
12/17/2016	10:25 p.m.		3			No	No
12/17/2016	11:20 p.m.		3			No	No
12/17/2016	11:40 p.m.		3			No	No
12/17/2016	11:58 p.m.		3			No	No
12/17/2016			3			No	No
12/17/2016			3			No	No
12/17/2016	7:07 p.m.		1			Yes	No
12/17/2016	7:56 p.m.		3			Yes	No
12/17/2016	4:55 p.m.		3			Yes	No
12/17/2016	6:33 p.m.		2			Yes	No
12/17/2016	8:15 p.m.		2			No	No
12/17/2016	6:57 p.m.		3			Yes	No
12/17/2016	8:15 p.m.		3			No	No
12/17/2016	4:40 p.m.		2			No	No
12/17/2016	5:12 p.m.		2			Yes	No

Total Samples: 24

Date	Time	Sample Site	Zone	Address	Sample ID	Complaint?	Results Received?
12/18/2016	12:07 a.m.	(b) (6)	2	(b) (6)	(b) (6)	No	No
12/18/2016	12:37 a.m.		2			No	No
12/18/2016	1:50 a.m.		3			No	No
12/18/2016	12:55 a.m.		3			No	No
12/18/2016	12:27 a.m.		3			No	No
12/18/2016	01:04 a.m.		3			No	No
12/18/2016	01:10 a.m.		3			No	No
12/18/2016	12:14 p.m.		3			No	No
12/18/2016	12:33 p.m.		3			No	No
12/18/2016	01:04 p.m.		3			No	No
12/18/2016	01:17 p.m.		3			No	No
12/18/2016	01:33 p.m.		3			No	No
12/18/2016	02:17 p.m.		3			No	No
12/18/2016	02:38 p.m.		3			No	No
12/18/2016	12:40 p.m.					Yes	No
12/18/2016	12:57 p.m.					Yes	No
12/18/2016	02:28 p.m.					Yes	No
12/18/2016	02:40 p.m.					Yes	No
12/18/2016	01:14 p.m.		3			No	No
12/18/2016	01:47 p.m.		3			No	No
12/18/2016	02:16 p.m.		3			No	No
12/18/2016	02:45 p.m.		3			No	No
12/18/2016	03:27 p.m.		2			No	No
12/18/2016	03:57 p.m.		2			No	No
12/18/2016	02:10 p.m.		2			No	No
12/18/2016	01:50 p.m.		2			No	No
12/18/2016	01:16 p.m.		2			No	No
12/18/2016	01:00 p.m.		2			No	No
12/18/2016	12:47 p.m.		2			No	No
12/18/2016	12:20 p.m.		2			No	No
12/18/2016	11:56 a.m.		2			No	No

Total Samples: 31							

Date	Time	Sample Site	Zone	Address	Sample ID	Complaint?	Results Received?	Latitude	Longitude
12/19/2016	08:52 a.m.	(b) (6)		(b) (6)	(b) (6)	No	No	27.804889	-97.465361
12/19/2016	09:37 a.m.					No	No	27.780333	-97.403842
12/19/2016	10:12 a.m.					No	No	27.760611	-97.436833
12/19/2016	10:44 a.m.					No	No	27.726111	-97.372722
12/19/2016	08:35 a.m.					No	No	27.727528	-97.421389
12/19/2016	09:05 a.m.					No	No	27.696528	-97.414611
12/19/2016	09:31 a.m.					No	No	27.666556	-97.349528
12/19/2016	09:50 a.m.					No	No	27.668306	-97.356222
12/19/2016	10:09 a.m.					No	No	27.654	-97.353694
12/19/2016	10:40 a.m.					No	No	27.689194	-97.370472
12/19/2016	11:05 a.m.					No	No	27.692778	-97.341056
12/19/2016	11:15 a.m.					No	No	27.692778	-97.341056
12/19/2016	10:13 a.m.					Yes	No	27.806389	-97.475
12/19/2016	10:18 a.m.					Yes	No	27.806667	-97.474722
12/19/2016	10:24 a.m.					Yes	No	27.736056	-97.375944
12/19/2016	10:03 a.m.					Yes	No	27.736361	-97.374917
12/19/2016	11:27 a.m.					Yes	No	--	--
12/19/2016	11:05 a.m.					Yes	No	--	--
12/19/2016	11:37 a.m.					No	No	27.64175	-97.392611
12/19/2016	12:02 p.m.					No	No	27.662306	97.413333
12/19/2016	12:02 p.m.					No	No	27.662306	97.413333
12/19/2016	12:13 p.m.					No	No	27.777879	-97.394974
12/19/2016	12:57 p.m.					No	No	27.740901	-97.371764
12/19/2016	08:51 a.m.					No	No	27.825424	-97.388686
12/19/2016	10:03 a.m.					No	No	27.813845	-97.471994
12/19/2016	10:58 a.m.					No	No	27.792314	-97.451614
12/19/2016	11:43 a.m.					No	No	27.806322	-97.419954
12/19/2016	12:58 p.m.					No	No	27.750242	-97.385617

Total Samples: 28